

09/446601
428 Rec'd PTO 22 DEC 1999

Client Identifier: SANOFISYNTHELABO/RESEARCH/ALB

Date of Request: 12/17/99

The Current Database is WPI

Your Terms and Connectors Query:

PN("FR 2735978!")

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199710

Amiodarone compsn. for parenteral admin. and easy dilution without appearance of turbidity - comprises hydrophilic nonionic surfactant and buffer, useful in treatment of arrhythmia and coronary insufficiency

Patent Assignee: SANOFI SA (SNFI)

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Number of Countries: 073

Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
WO 9702031	A1	19970123	WO 96FR1010	A	19960628	A61K-031/34	199710 B
FR 2735978	A1	19970103	FR 957939	A	19950630	A61K-031/34	199711
AU 9664625	A	19970205	AU 9664625	A	19960628	A61K-031/34	199721
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BR 9609666	A	19990525	BR 969666	A	19960628	A61K-031/34	199926
WO 96FR1010	A	19960628					

Priority Applications (No Type Date): FR 957939 A 19950630

Cited Patents: 4.Jnl.Ref; WO 9319753

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent

WO 9702031 A1 F 25

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE
DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
LS LU MC MW NL OA PT SD SE SZ UG

FR 2735978 A1 23

AU 9664625 A Based on WO 9702031

ZA 9605525 A 26

EP 835105 A1 F Based on WO 9702031

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

JP 10510297 W 24 Based on

WO 9702031

BR 9609666 A Based on

WO 9702031

Abstract (Basic): WO 9702031 A

Compsn. for parenteral admin. comprises: (i) 1.5-8 wt.% amiodarone (2-n-butyl-3-[3,5-diiodo-4-(2-diethylaminoethoxy)-benzoyl]-benzofuran) or one of its salts; (ii) a buffer capable of solubilising amiodarone and maintaining the pH at 2.4-3.8; and (iii) a hydrophilic nonionic surfactant.

A preferred. compsn. comprises 3-5 wt.% amiodarone hydrochloride, an orthophosphoric acid/sodium monophosphate buffer (0.1M) and 1.3-1.6 wt.% polysorbate 80. Dilution is with physiological serum, pref. contg. glucose. In addn. the compsn. may contain a preservative or protective agent such as benzyl alcohol.

USE - Amiodarone is used as an antiarrhythmic agent and in the treatment of coronary insufficiency. The compsn. is injected directly or diluted for admin. by perfusion.

ADVANTAGE - The soln. for use by perfusion does not require the admin. of excessive volumes. The buffer and the surfactant act synergistically to enable conc. solns. of amiodarone to be diluted without the appearance of turbidity.

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Title Terms: AMIODARONE; COMPOSITION; PARENTERAL; ADMINISTER; EASY; DILUTE; APPEAR; TURBID; COMPRISE; HYDROPHILIC; NONIONIC; SURFACTANT; BUFFER; USEFUL; TREAT; ARRHYTHMIC; CORONARY; INSUFFICIENCY

Derwent Class: B02

International Patent Class (Main): A61K-000/00; A61K-031/34

International Patent Class (Additional): A61K-009/08; A61K-047/02; A61K-047/10; A61K-047/12; A61K-047/26; A61K-047/30; A61K-047/44

File Segment: CPI

Manual Codes (CPI/A-N): B06-A01; B14-F01A; B14-F01B

Chemical Fragment Codes (M1):

10 H4 H402 H482 H5 H589 H8 M280 M312 M313 M323 M332 M342 M383 M393 M423 M431 M510 M520 M530 M540 M620 M782 M903 M904 Q616 V743 R16461-M
11 F012 F013 F014 F113 H4 H403 H483 H5 H522 H589 H8 J0 J011 J2 J271 K0 L8 L814 L821 L833 M225 M231 M262 M281 M312 M323 M332 M342 M343 M373 M383 M391 M393 M423 M431 M510 M521 M530 M540 M782 M903 M904 M910 Q616 V0 V743 R01869-M

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13 F012 F013 F014 F113 H4 H403 H483 H5 H522 H589 H7 H721 H8 J0 J011 J2 J271 K0 L8 L814 L821 L833 M225 M231 M262 M281 M312 M323 M332 M342 M343 M373 M383 M391 M393 M423 M431 M510 M521 M530 M540 M782 M903 M904 M910 Q616 V0 V743 R01870-M

14 F012 F013 F014 F113 H4 H403 H483 H5 H522 H589 H7 H721 H8 J0 J011 J2 J271 K0 L8 L814 L821 L833 M225 M231 M262 M281 M312 M323 M332 M342 M343 M373 M383 M391 M393 M423 M431 M510 M521 M530 M540 M782 M903 M904 M910 Q616 V743 R01870-M

Chemical Fragment Codes (M2):

01 D013 D100 G017 G100 H1 H103 H181 H5 H541 H6 H604 H608 H642 H8 J5 J581 M1 M123 M131 M210 M212 M214 M231 M240 M273 M281 M282 M312 M321 M332 M342 M383 M391 M412 M431 M511 M520 M531 M540 M782 M903 M904 P521 P522 R13744-M

02 J0 J011 J1 J171 M210 M211 M262 M281 M320 M416 M431 M620 M782 M903 M904 M910 Q503 R00247-M

03 A119 A960 C710 J0 J011 J1 J171 M210 M211 M262 M281 M320 M411 M431 M510 M520 M530 M540 M620 M630 M782 M903 M904 M910 Q503 R01080-M

04 A111 A960 C710 J0 J011 J1 J171 M210 M211 M262 M281 M320 M411 M431 M510 M520 M530 M540 M620 M630 M782 M903 M904 M910 Q503 R01081-M

05 H1 H100 H181 J0 J011 J1 J171 M280 M311 M321 M342 M349 M381 M391 M416 M431 M620 M782 M903 M904 M910 Q503 R00104-M

06 C017 C100 C101 C730 C800 C801 C804 C805 C806 C807 M411 M431 M782 M903 M904 M910 Q503 R01704-M

07 B115 B701 B713 B720 B815 B831 C101 C108 C800 C802 C804 C805 C807 M411 M431 M782 M903 M904 M910 Q503 R01711-M

08 A119 A940 B115 B701 B713 B720 B815 B831 C108 C802 C803 C804 C805 C807 M411 M431 M782 M903 M904 M910 Q503 R01769-M

09 A111 A940 B115 B701 B713 B720 B815 B831 C108 C802 C803 C804 C805 C807 M411 M431 M782 M903 M904 M910 Q503 R01690-M

Chemical Fragment Codes (M6):

15 M903 P521 P522 Q503 Q616 R111 R231 R232 R241 R242 R261 R262 R263

Derwent Registry Numbers: 0104-U; 0247-U; 1080-U; 1081-U; 1690-U; 1704-U; 1711-U; 1769-U; 1869-U; 1870-U; 1871-U

Specific Compound Numbers: R13744-M; R00247-M; R01080-M; R01081-M; R00104-M; R01704-M; R01711-M; R01769-M; R01690-M; R16461-M; R01869-M; R01871-M; R01870-M

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